



J1.132 U.S. PTO

**HUNTON & WILLIAMS**1900 K STREET, N.W.  
WASHINGTON, D.C. 20006-1109JCS/10/07/30/98 PRO  
02/12/02TEL 202 • 955 • 1500  
FAX 202 • 778 • 2201BRIAN M. BUROKER  
DIRECT DIAL: 202-955-1894  
EMAIL: BBUROKER@HUNTON.COM

FILE NO: 56291.000018

February 12, 2002

**UTILITY PATENT APPLICATION TRANSMITTAL**Attorney Docket Number: **56291.000018**First Named Inventor: **Patrick H. Stanley**Title: **SYSTEM AND METHOD FOR IMPROVED DATA TRANSMISSION SPEED  
BY FIXING THE LOWER CORNER FREQUENCY AT A FREQUENCY  
ABOVE VOICE BAND IN A SYMMETRIC DSL TRANSMISSION SYSTEM**TO: **BOX PATENT APPLICATION**  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1.  Fee Transmittal Form (original and duplicate)
2.  Small Entity Status Claimed:  Independent Inventor  
 Small Business Concern  
 Non-Profit Organization
3.  Statement Enclosed
- Statement Filed in Prior Application; Status Still Proper and Desired
3.  Specification - Total Pages: 57 (Including Abstract)

**BOX PATENT APPLICATION**

February 12, 2002

Page 2

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	66	20	46	\$ 18.00	\$ 9.00	\$ 828.00
Independent Claims	8	3	5	\$ 84.00	\$ 42.00	\$ 420.00
First Presentation of Multiple Dependent Claims				\$ 280.00	\$ 140.00	\$ 0.00
<b>BASIC FEE</b>				\$ 740.00	\$ 370.00	\$ 740.00
<b>TOTAL FILING FEE</b>						\$ 1,988.00
Assignment Recordation Fee						\$ .00
<b>TOTAL AMOUNT ENCLOSED</b>						<b>\$ 1,988.00</b>

4.  Drawings - Total Sheets: 25 (Fig(s). 1-38)

5. Oath or Declaration - Total Pages: 7

a.  Newly executed (original or copy)  
 New (unexecuted)

b.  Copy from a prior application  
(for continuation/divisional with Box 18 completed)

i.  DELETION OF INVENTOR(s):  
Signed statement attached deleting inventor(s) named in prior application.

6.  Application Data Sheet

7.  CD-ROM or CD-R in duplicate, large table or Microfiche Computer Program (Appendix)

8.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a.  Computer Readable Form (CRF)

**BOX PATENT APPLICATION**

February 12, 2002

Page 3

b.  Specification Sequence Listing on:

- i.  CD-ROM or CD-R (two copies); or
- ii.  Paper Copy (identical to computer copy)

c.  Statements verifying identity of above copies

9.  Assignee/Applicant: \_\_\_\_\_

Assignment and Assignment Recordation Form Submitted Herewith

Assignee of Record in Prior Application No. \_\_\_\_\_ :  
\_\_\_\_\_

recorded on \_\_\_\_\_ at Reel \_\_\_\_\_, Frame \_\_\_\_\_.

10.  37 C.F.R. 3.73(b) Statement  Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement with PTO-1449 and References  
 Copies of Information Disclosure Statement Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard

15.  Priority is Claimed as Follows:  
to US Provisional Patent Application Serial No. 60/268,015 filed 2/13/01  
\_\_\_\_\_

If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith

16.  Nonpublication Request under 35 U.S.C. § 1222(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.

**BOX PATENT APPLICATION**

February 12, 2002

Page 4

17.  Other: \_\_\_\_\_18.  Continuation  Divisional  Continuation-in-Part of  
Prior Application No.: \_\_\_\_\_ filed \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

Incorporation By Reference (useable if Box 5b is marked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application papers.

Complete Application Based on Provisional Application No.: 60/268,015  
filed February 13, 2001

19. Please address all correspondence to:

CUSTOMER NUMBER 21967

Brian M. Buroker  
Intellectual Property Department  
Hunton & Williams  
1900 K Street, N.W.  
Suite 1200  
Washington, DC 20006-1109

20.  A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

The power of attorney is to: Stanislaus Aksman, Reg. No. 28,562; Jennifer A. Albert, Reg. No. 32,012; Thomas E. Anderson, Reg. No. 37,063; David E. Baker, Reg. No. 42,285; Scott D. Balderston, Reg. No. 35,436; Carl L. Benson, Reg. No. 38,378; J. Robert Brown, Jr., Reg. No. 45,438; Brian M. Buroker, Reg. No. 39,125; Christopher C. Campbell, Reg. No. 37,291; Katherine S. Change, Reg. No. 40,554; Robin C. Clark, Reg. No. 40,956; Patrick A. Doody, Reg. No. 35,022; Kevin T. Duncan, Reg. No. 41,495; Ozzie A. Farres, Reg. No. 43,606; Nancy J. Flint, Reg. No. 46,704; Christopher J. Forstner, Reg. No. 46,049;



BOX PATENT APPLICATION

February 12, 2002

Page 5

Charles F. Hollis, III, Reg. No. 40,650; Nancy J. Jensen, Reg. No. 45,913; Herbert V. Kerner, Reg. No. 42,721; Jonathan D. Link, Reg. No. 41,548; Tyler Maddry, Reg. No. 40,074; J. Michael Martinez, Reg. No. 37,178; David H. Milligan, Reg. No. 42,893; James R. Miner, Reg. No. 40,444; Kerry H. Owens, Reg. No. 37,412; Michael P.F. Phelps, Reg. No. 48,654; John P. Pinkerton, Reg. No. 28,746; Andrew J. Ririe, Reg. No. 45,597; Stephen T. Schreiner, Reg. No. 43,097; Robert M. Schulman, Reg. No. 31,196; Thomas J. Scott, Jr., Reg. No. 27,836; Stuart I. Smith, Reg. No. 42,159; Yisun Song, Reg. No. 44,487; Samson Vermont, Reg. No. 42,202; Robert J. Ward, Reg. No. 28,746; and Scott F. Yarnell, Reg. No. 45,245.

Please remove as power of attorney:

Please add as power of attorney:

21.  A check in the amount of \$ 1,988.00 is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to **Deposit Account No. 50-0206**.

The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 50-0206**.

Respectfully submitted,

By:

Brian M. Buroker  
Brian M. Buroker  
Registration No. 39,125

Enclosures